



OUTDOOR POWER EQUIPMENT

FULL PRODUCT LINE



<https://maruyama-us.com/>

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**MORE
POWER
FOR THE PROS!**



WELCOME

On November 2024, **Maruyama** celebrated its 130th Anniversary. Maruyama began in Japan, as a family business manufacturing fire extinguishers in 1895.

Passion and **dedication** allowed for the rapid transformation of the company to a world class manufacturing company of professional outdoor power and spray equipment. “As we embark on Celebrating our 130th anniversary, it is with a profound sense of responsibility and acknowledgement on developing the technologies that will best serve human development in the **future**,” said President of Maruyama Mfg. Co., Inc., Mr. Takaharu Uchiyama.

Thank you for celebrating our 130th anniversary with us. We look forward to celebrating our 135th soon.



TAKAHARU UCHIYAMA
President

MASANOBU OGASHIRA
Chairman

HEAVY DUTY GEAR BOX FEATURES

1. THREADED CLUTCH SHAFT

The solid inner driveshaft is threaded at the clutch end to reduce vibration

2. DUAL ANTI-VIBRATION CLUTCH HOUSING

Helps reduce operator fatigue and provides a more comfortable working experience

3. BRONZE BUSHINGS

Five self-lubricating dampened bushings to fully support the inner shaft for smooth operation and greater structural integrity

4. POLISHED SOLID STEEL SHAFT

Solid steel shaft for exceptional durability and completely protected by a lifetime warranty

5. EXTRUDED ALUMINUM SHAFT

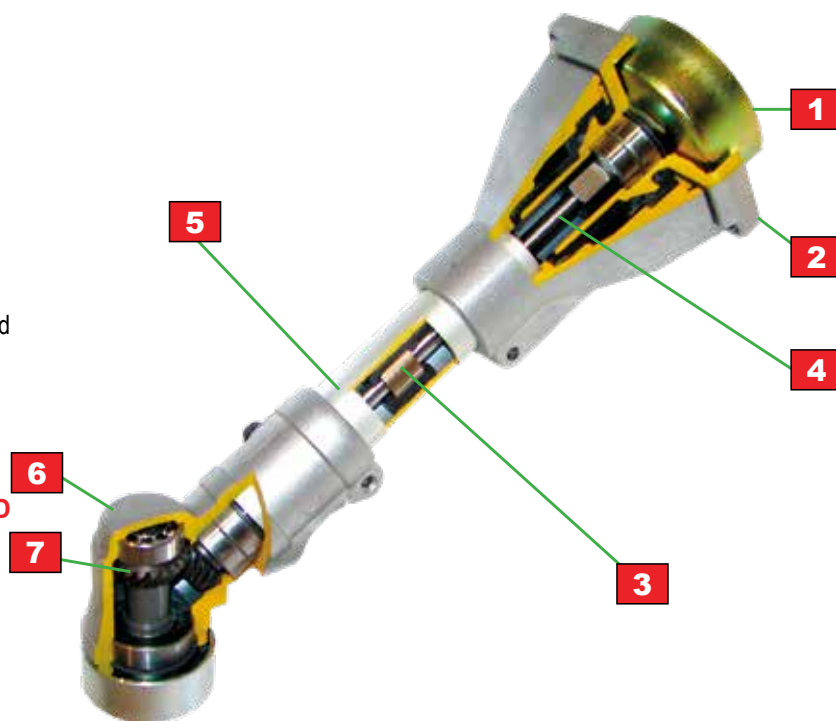
One-piece, seamless aluminum outer shaft for added strength and durability

6. HEAVY DUTY GEARBOX - 4-BEARING SUPPORTED GEARBOX

4-bearings support for low vibration and ability to absorb higher shock loads

7. HELICAL CUT CHROME MOLY PINION GEARS

Extremely tough materials for long time performance and corrosion resistance



FEATURE ICON DESCRIPTIONS



DISPLACEMENT (CC)

Engine displacement refers to the total volumetric engine size measured in Cubic Centimeters, or "CC's", i.e. "42cc"



DRY WEIGHT

The weight of a complete unit without oil, gasoline, water, or chemical mix. The dry weight is measured after all components to operate the unit have been installed.



FUEL TANK

The fuel tank is a container to safely store fuel supply until precisely metered into the engine through the carburetor.



EASY START

Refers to a dual spring recoil system, developed by Maruyama, that significantly decreases the physical effort required to pull start the engine.



ASSISTED START

Maruyama assisted starter system eliminates the need for a strong pull to start the unit. Short pulls that require little effort will start the unit. Available in selected units.



HARDENED STEEL

Every Maruyama hedge trimmer features induction hardened steel blades with dual-reciprocating movement for maximum sheering force.



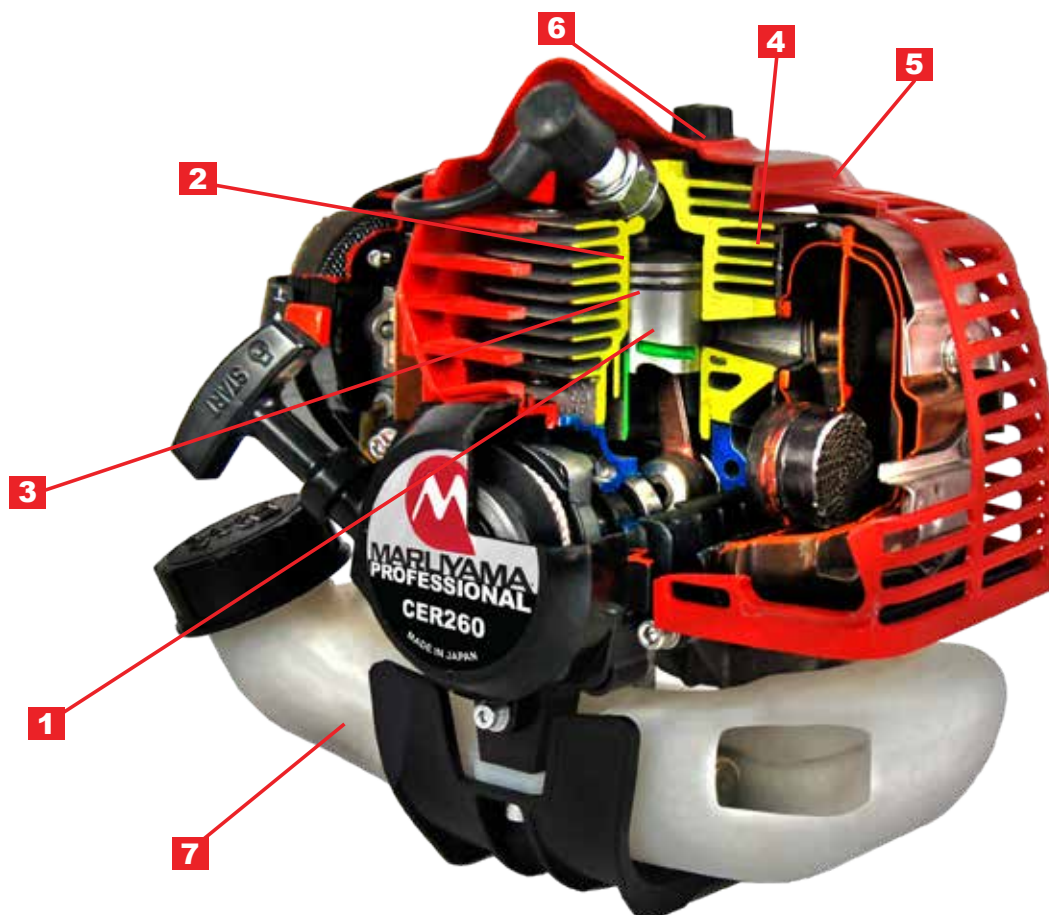
ADJUSTABLE THROTTLE

Adjustable maximum throttle control for consistently regulating operational cutting speed.

- Waterproof kill switch button
- Cold-start feature that helps the engine start in colder weather and high altitude

CER ENGINE FEATURES

Maruyama CER Engines are powerful and friendly with the environment. Maruyama utilizes the latest clean 2-cycle engine technology that not only meets but exceeds today's strict emission regulations around the world. Their environmental friendliness and power will exceed your expectations. Get to know Maruyama technology.



1. GROOVED PISTON

The re-circulatory groove is key to the patented HERE (High Efficiency Recirculating Engine) low emission system

2. HARD CHROME PLATED CYLINDER

Increases the life to the cylinder and improves performance

3. DUAL PISTON RINGS

Increased engine compression which translates into high torque and balance for power and performance

4. EXTENDED COOLING FINS

Improved cooling system for extended commercial usage

5. ELECTRONIC IGNITION SYSTEM

CDI ignition coil allows for a superior performance

6. QUICK RELEASE ENGINE COVER

One bolt design to remove cover makes service faster and easier

7. LARGE TRANSLUCENT FUEL TANK

Longer running time between fill-ups translates into increased profits for the commercial landscaper



**MID-SIZED BACKPACK BLOWER
BL70**



MID-SIZED BACKPACK BLOWER

BL70 FEATURES

Heavy-Duty
Two-Stage Air Filter

Wide Carry &
Transportation Handle

Adjustable Throttle Trigger

Low Noise
Muffler

Light Weight
Gravity Tubing

Assisted
Start
System

Anti-Vibration Metal Spring

Large 71 oz
Fuel Tank

Wide Starting Step

Fuel Line Cover



BRUSH CUTTERS AND TRIMMERS

LOOP HANDLE TRIMMERS

JAPANESE 2-STROKE ENGINE
TECHNOLOGY

**LIFETIME
WARRANTY**
ON SOLID STEEL
DRIVESHAFT



B230C

22.5 cc / CER230

10.5 lb

16.9 oz



364848



B230L

22.5 cc / CER230

11.3 lb

16.9 oz



364849



B270L

25.4 cc / CER260

11.7 lb

20.3 oz



364850



B300L

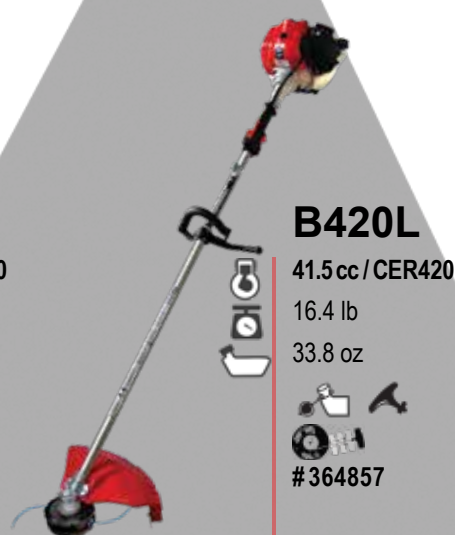
30.1 cc / CER300

11.5 lb

20.3 oz



364853



B420L

41.5 cc / CER420

16.4 lb

33.8 oz



364857



TURBO TRIMMERS

are your best choice
for cutting dense, wet
grasses or thick ground covers
- as well as day to day lawn trimming.

The 1.9 : 1 gear reduction increases
torque resulting in greater power, without
making the engine work harder.

TURBOS DO IT ALL!!



B270L TURBO

25.4 cc / CER260

12.1 lb

20.3 oz



364851



B300L TURBO

30.1 cc / CER300

12.2 lb

20.3 oz



364854



Maruyama Trimmers and Brush-Cutters

are unique for what they do and how they do it. They are a rugged, dependable, day in and day out machines. Maruyama designs tools for good old-fashioned, roll up your sleeves, professional-grade use.

BRUSH CUTTER

OFFSET
HANDLEBAR



B420



41.5 cc / CER420

17.7 lb

33.8 oz



8mm shaft - solid steel

364856



ERGONOMIC DESIGN BULL HORN HANDLE

Our ergonomic-design handle grip offers superior comfort and excellent balance for the user.

THREADED CLUTCH SHAFT

The solid steel inner drive-shaft is threaded at the clutch end, which eliminates vibration



HIGH TORQUE ENGINE

Engineered with high compression ratio resulting in higher torque and power. CARB / EPA compliant.



EASY START

The easy start system has incorporated the best starting, fast and easy start.



DUAL ANTI-VIBRATION

Helps reduce operator fatigue and provides a more comfortable working experience.



MULTI-CUTTERS



MULTI-CUTTERS SOLD AS POWER HEAD ONLY



M270QC



25.4 cc / CER260

10.4 lb

20.3 oz



#364858



M300QC



30.1 cc / CER300

10.1 lb

20.3 oz



#364859

— BACKPACK MULTI-CUTTERS —



M420BK-QC



41.5 cc / CER420

23.4 lb

33.8 oz



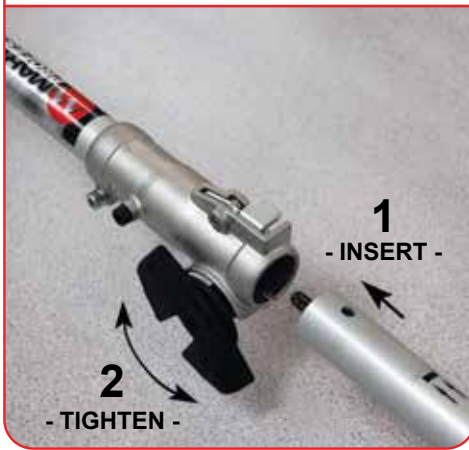
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- Iron 5-yr commercial warranty
- Ergonomically designed frame
- Fast & easy changes with the Quick-Connect™ System



QUICK CONNECT™ MULTI-CUTTER ATTACHMENTS

QUICK CONNECT™



QC-S TRIMMER

Ideal for trimming along fences, walls, around flower beds and everyday landscaping.

#364527



QC-ST **TURBO** TRIMMER

Ideal for trimming along fences, walls, around flower beds and everyday landscaping. Featuring a powerful Turbo reduction gearbox 1.92:1

#364528



QC-HT

20 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 20" blade, fix head

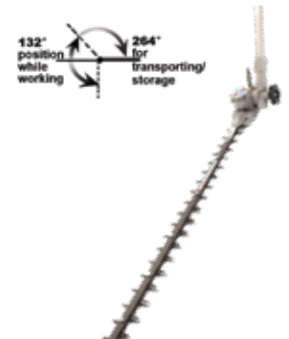
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QC-HTS

18 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 18" blade, 135° articulating head

#364533



QC-HTR

24 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 24" blade, 264° articulating head

#364532



QC-PL

LONG PRUNER
Cuts high branches with ease, shaft length 59", 10" blade

#365014



QC-T

TILLER/CULTIVATOR
Ideal for turning flower bed soil and aerating

#364526



QC-LB (V6)
LANDSCAPE BLADE (V6)
Heavy-duty gear-case, 360° Counter-rotating blades, 7mm solid steel driveshaft
#365016



QC-ES

STRAIGHT EDGER
For that perfect manicured edge along the sidewalk, driveways and patios. Adjustable blade height

#364525



QC-E

EDGER
For that perfect manicure edge along the sidewalk, driveways and patios. Curve shaft, adjustable blade height

#364524



HOVER MOWER



Introducing the **MHM480 Hover Mower**, featuring a compact design and powerful 79.2cc 2-cycle engine, giving you the ability to cut even the most difficult terrains at any angle. Includes 3 stainless steel reversable blades.

Ideal for the following applications:

- Hard-to-trim uneven areas, such as bunkers, embankments, sand traps, and landscaping privacy mounds
- Steep slopes
- Marshes
- Water lines and wet, grassy areas



MHM480

79.2 cc / CER800

39 lbs.

71 oz.



845995

OPTIONAL KITS



19" BAR BLADE 845998



HANDLE EXTENTION KIT 846000



LOW-CUT KIT 845997



TRANSPORT WHEEL KIT 845999



HIGH-RISE KIT 845996



POLE PRUNERS



Our **Pole Pruner** and **Telescopic Pole Pruners** are commercial grade to tackle any job. They offer a powerful 2-cycle engine, 10" Oregon bar, and automatic chain oiler system.

- Commercial duty pruners
- Adjustable throttle control
- Reduced kickback bar & chain



PS300

30.1 cc / CER300

15.0 lb

20.3 oz

10 in Oregon

Max output: 9700 rpm

Chain oil cap: 6.1 oz

Chain: 91PX

Pitch: 3/8 in

Overall length: 81 inches

#365011

(Bar & chain included)

TPP270

25.4 cc / CER260

15.7 lb

20.3 oz

10 in Oregon

Max output: 9700 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#364866

(Bar & chain included)



NEW

TPP300

30.1 cc / CER300

15.5 lb

20.3 oz

10 in Oregon

Max output: 9700 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#725005

(Bar & chain included)



HEDGE TRIMMERS



**PRECISION
SHARPENED
BLADES**
on ALL 3 SIDES

**FORWARD
FACING EXHAUST**
No brown spots on hedges
due to downward exhaust.

Solid. Dependable. Simply The Best.

The finest hedge trimmer available today. Great for sculpting, shearing or reaching high branches, these extraordinary hedge trimmers are engineered to balance power, durability and comfort under heavy, daily use. Every Maruyama hedge trimmer features induction hardened steel blades and dual reciprocating movement for maximum shearing force. Better yet, every Maruyama hedge trimmer features precision ground and polished cutting edges for the cleanest cuts and minimum leaf “browning”.

All Maruyama hedge trimmers use the state-of-the-art CER engines, which are light-weight and powerful. The CER engine family is unrivaled in power to weight performance as well as being a low emission, compliant engine which uses far less fuel than previous generation engines.





H23F

22.5cc / CER230
 12.5 lb
 13.5 oz
 Length = 30 in

#362408



H23FL

22.5cc / CER230
 13.8 lb
 13.5 oz
 Length = 40 in

#362409



H23DF

22.5cc / CER230
 13.0 lb
 13.5 oz
 Length = 24 in

#362404



H23DFL

22.5cc / CER230
 13.9 lb
 13.5 oz
 Length = 30 in

#362405

MORE POWER FOR THE PROS!



5-POSITION ROTATING HANDLE



H23DFR

22.5cc / CER230
 11.7 lb
 13.5 oz
 Length = 24 in

#362406



H23DFLR

22.5cc / CER230
 12.6 lb
 13.5 oz
 Length = 30 in

#362407



FORWARD EXHAUST SYSTEM
to eliminate hot downward exhaust onto shrubs



PRECISION SHARPENED BLADES
on ALL 3 SIDES



SUPERIOR AIR FILTER
on intake to prevent dirt, sand, etc. from entering carburetor



5-POSITION HANDLE
5-Position handle (R)
on H23DFR & H23DFLR
for easy hedge trimming

Displacement (cc) Dry Weight (lb) Fuel Tank Capacity (oz) Adjust. Throttle w/ Anti-Vibration Grip Tank Retention Ring Ergonomic Pull Easy Start 1-Side 2-Sides 5-Position Handle



D = Double, F = Forward Exhaust, L = Long Blade, R = Rotating Handle

EXTENDED-REACH HEDGE TRIMMERS



NEW EH230D-L

22.5 cc / CER230
14.1 lb
16.9 oz
20 in

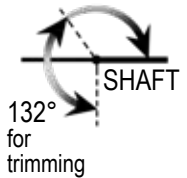
Shaft: 43 in
Reach: 81 in
3-edge sharp blades
Fixed gearbox

#365176



ARTICULATING GEARBOX

Folds back 264° for
Transporting and
Storage



EH230DSL

22.5 cc / CER230
14.3 lb
16.9 oz
Length: 24 in

Shaft: 54 in
Reach: 90 in
3-edge sharp blades

#364864

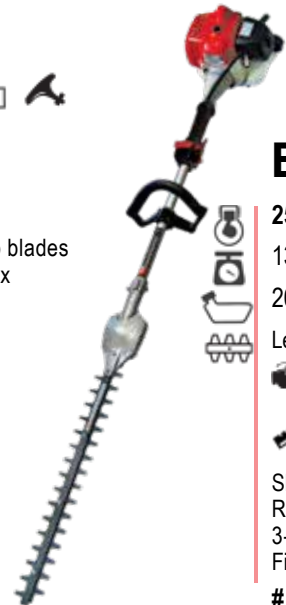


EH230D

22.5 cc / CER230
13.3 lb
16.9 oz
Length: 20 in

Shaft: 20 in
Reach: 55 in
2-edge sharp blades
Fixed gearbox

#364863



EH270D-S

25.4 cc / CER260
13.4 lb
20.3 oz
Length: 20 in

Shaft: 20 in
Reach: 55 in
3-edge sharp blades
Fixed gearbox

#364865



- Iron 5-yr commercial warranty
- Lightweight
- Lifetime warranty on driveshafts
- Extreme-duty gearboxes - fixed and articulating models
- Industrial hardened steel blades on all Maruyama hedge trimmers

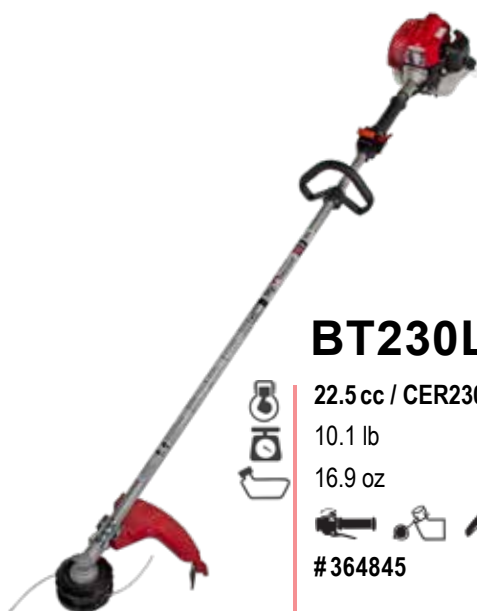
Displacement (cc)
 Dry Weight (lb)
 Fuel Tank Capacity (oz)
 Dbl-Sided Blades
 Hardened Steel Blades
 Easy Start
 Tank Retention Ring
 Adjust. Throttle w/Anti-Vibration Grip
 Ergonomic Pull





ENTRY LEVEL PROFESSIONAL EQUIPMENT

- Warranty - 5-yr consumer / 1-yr commercial
- High-powered Maruyama CER engines



BT230L TRIMMER

22.5 cc / CER230

10.1 lb

16.9 oz

364845



BH24G HEDGE TRIMMER

22.5 cc / CER230

11.6 lb

13.5 oz

Length: 24" Rear fixed handle

Blades sharpened on 2 edges

362410



BM240 MULTI-CUTTER

22.5 cc / CER230

9.9 lb

20.3 oz

- QC tool attachments

* SEE PAGE 11 FOR QC TOOL ATTACHMENTS

364847

Multi-Cutters
come with
powerhead
and shaft only

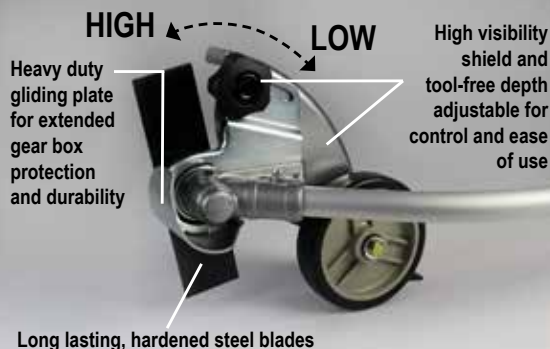
Quick-Connect™



EDGERS - STRAIGHT & CURVED



ADJUSTABLE BLADE HEIGHT



- Commercial duty edger
- Easy start system
- Adjustable throttle control
- Dual anti-vibration system
- Heavy duty gearbox protection
- Adjustable blade height



LANDSCAPE BLADE

While cutting with the landscape blade unit, there is virtually no flying gravel or debris damaging your trees, plants or even cars in parking lots. With the landscape blade unit, you target exactly what needs to be cut. The LB300 provides impressive cutting and edging around lawns, gardens, bunkers and sand traps.

**MORE
POWER
FOR THE PROS!**

LB300

30.1 cc / CER300

14.8 lb

20.3 oz

Overall length: 75 in
LANDSCAPE BLADE-V6

#365013



Maruyama offers the only landscape blade that cuts in and around water areas, bunkers, sand traps and rock without launching objects everywhere.



The Landscape Blade-V6 features two independent round, tooth blades that move in opposite directions for smooth, clean cutting.



Displacement (cc) Dry Weight (lb) Fuel Tank Capacity (oz) Adjust. Throttle w/Anti-Vibration Grip Tank Retention Ring Ergonomic Pull Easy Start



**MORE
POWER
FOR THE PROS!**



**AIR CONDITIONED PADDING
AND WIDE SHOULDER STRAPS**



**ADJUSTABLE
THROTTLE PISTOL**



TORNADO TIP BL9000
Increase air volume
#276352



TORNADO TIP BL70
Increase air volume
#131870

HAND-HELD BLOWER



BL32



30.1cc / CER300

9.4 lb

18.6 oz

#395833



Sound rating70 dB(A)

AIR volume~455 cfm

AIR velocity180 mph



**ADJUSTABLE
THROTTLE
CONTROL**



**OPTIONAL:
SHREDDER/
VACUUM
ATTACHMENT KIT**
w/ heavy-duty steel
shredder blade (included)
#395747



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Easy Start



BACK PACK BLOWERS



BL70-SP

 **60.9CC / CER600**
 20.9 lb
 71 oz
#395885



Sound rating75 dB(A)
 AIR volume*~885 cfm
 AIR velocity.....185 mph
 Throttle Type.....Pistol



BL70-HA

 **60.9CC / CER600**
 20.9 lb
 71 oz
#395884



Sound rating75 dB(A)
 AIR volume*~885 cfm
 AIR velocity.....185 mph
 Throttle Type.....Hip Assist



BL9000-GT

 **79.2cc / CER800**
 24 lb
 71 oz
#395880



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity.....185 mph
 Throttle Type.....Pistol



BL9000-GT-HA

 **79.2cc / CER800**
 24 lb
 71 oz
#395881



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity.....185 mph
 Throttle Type.....Hip Assist



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Easy Start



Assisted Start

* Air volume with tornado tip installed



PRE-VENT SYSTEM

Debris and sawdust are dispersed leaving only clean air running through the carburetor



EASY START

Easy Start System incorporates the best features of an electric starter for fast and easy starters



ANTI-VIBRATION

Double protection for the operator



Compact. Balance. Extreme duty.

Maruyama's chainsaws are ideal for professional landscapers and tree-care specialists. Best used for cutting firewood, clearing land, and forestry. Great for cleaning up after natural disasters.



MORE POWER FOR THE PROS!

- Commercial duty chainsaws
- Powerful yet lightweight!
- Automatic oiling system
- Reduced kickback bar & chain
- eJUST™ tensioning system



PROFESSIONAL CHAINSAWS

MCV31T-14



30.1 cc / CER300

7.1 lb

8.1 oz

14 in Oregon



Max output: 12000 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#362813 (Bar & chain included)



MCV31R-14



30.1 cc / CER300

7.3 lb

8.1 oz

14 in Oregon



Max output: 12000 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#362812 (Bar & chain included)

PROFESSIONAL CHAINSAW ACCESSORIES

PART NO. DESCRIPTION

840481 Bar 10", 3/8" for PS300 and TPP270 and TPP300

842460 Bar 12", 3/8" for MCV31T-14 and MCV31R-14

842461 Bar 14", 3/8" for MCV31T-14 and MCV31R-14

PART NO. DESCRIPTION

840482 Chain 10", 3/8" for PS300 and TPP270 and TPP300

842457 Chain 12", 3/8" for MCV31T-14 and MCV31R-14

842458 Chain 14", 3/8" for MCV31T-14 and MCV31R-14



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Adjust. Throttle w/ Anti-Vibration Grip



Tank Retention Ring



Ergonomic Pull



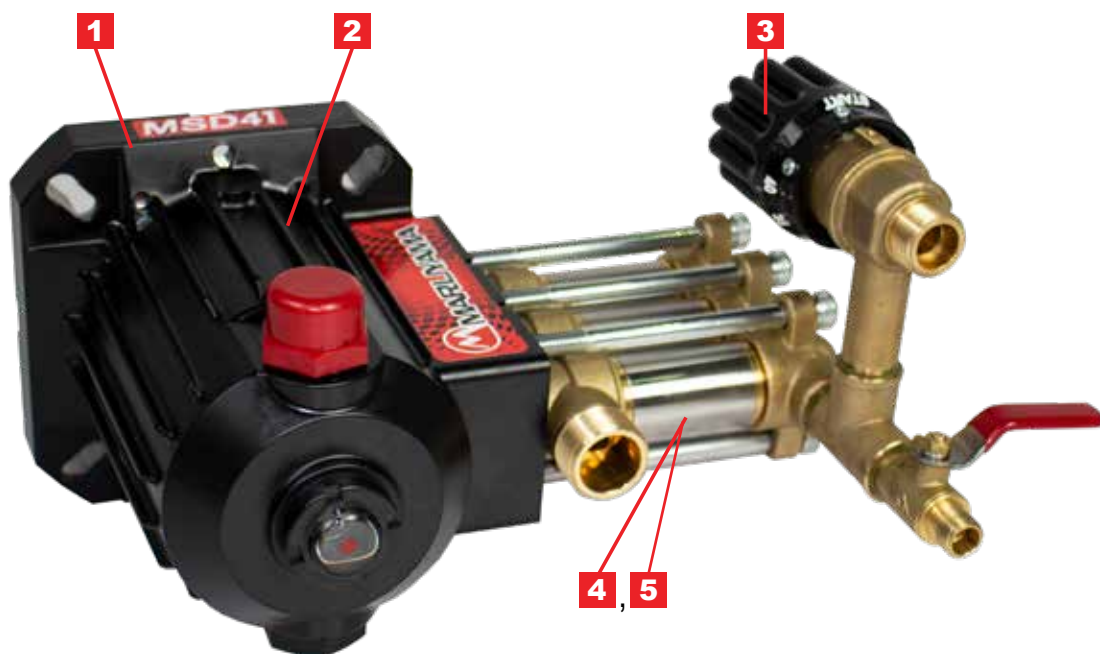
Easy Start



Chainsaw Bar

PISTON PUMPS

MARUYAMA UNIFLOW™ TECHNOLOGY - Maruyama piston pumps utilize our patented, simple UNIFLOW™ design which ensures fluid moves in only one direction throughout the pump without changing its direction. The piston pumps require less horsepower to operate at peak performance. This technology is unsurpassed for efficiency and reduced fuel consumption.



**MORE
POWER
FOR THE PROS!**

1. DIRECT COUPLING

Easy to mount to engine, reduced space and less components needed to complete the spray unit

2. RESISTANT CRANKCASE

Extremely durable materials for long term performance and corrosion resistance

3. PRESSURE REGULATOR

One knob to control working pressure and flow rates

4. HIGH EFFICIENCY CHROME CYLINDER

Chrome plated interior for increased resistance to abrasion, chemicals, and heat

5. SELF LUBRICATING AND SELF COOLING

The fluid moving through the pump provides lubrication and cooling for the pump



DIRECT DRIVE PISTON PUMPS



	MSD41 3/4"	MSD41 5/8"	MSD51 3/4"
Cylinders	3	3	3
Cylinder coating	CHROME	CHROME	CHROME
Direct drive type	GASOLINE	ELECTRIC	GASOLINE
Dry weight	11.7 lbs	11.7 lbs	17.2 lbs
Pressure (psi max.)	570	570	570
Suction volume (gpm @ 3600RPM)	8 gpm	8 gpm	10.5 gpm
Maximum RPM	3600	3600	3600
Required power (approx)	3.6 HP	3.6 HP	5.0 HP
Part number	366537	366538	366559

BELT-DRIVEN PUMPS



	MS333	MS419	MS659	MS759
Cylinders	3	3	3	3
Cylinder coating	CERAMIC	CERAMIC	CERAMIC	CERAMIC
Drive type	BELT	BELT	BELT	BELT
Dry weight	15.9 lbs	24.3 lbs	41.9 lbs	44.0 lbs
Pressure (psi max.)	510	725	725	725
Suction volume (gpm)	7.9	8.5	14.5	17.5
Maximum RPM	1050	1100	1000	950
Required power	2.8 HP	4.3 HP	7.4 HP	9.0 HP
Part number	366572	366592	354274	354275

PISTON PUMP ENGINE COMBOS

Versatile as a power sprayer, simple as a re-power kit.

Assembled from components matched for compatibility and superior quality, Maruyama spray piston pump engine combos are unrivaled for performance and extraordinary durability.



Pump/Engine Combos	MSD41TEC-H	MS333ECH	MS417ECH
4-cycle - Honda-GX 160cc Engine (Approx. Hp)	5.5	5.5	5.5
Drive type	DIRECT	BELT	BELT
Pump type	Triplex piston	Triplex piston	Triplex piston
Cylinder Coating	CHROME	CHROME	CERAMIC
Spray Volume	8.0 gpm	8.0 gpm	8.5 gpm
Max Pressure	580 psi	510 psi	725 psi
Dry weight	71.6 lbs	79.3 lbs	88.1 lbs
Agitation	liquid bypass	liquid bypass	liquid bypass
Part Number	366545	358669	358668



Each pump combo includes
suction hose, strainer assembly
and bypass hose

**MORE
POWER
FOR THE PROS!**



SKID SPRAYERS



Product design and specification may be changed without prior announcement.

- Choice of THREE chemical tank sizes: 50, 100, & 200 gallon
- Maruyama's Legendary UNIFLOW™ Piston Pump: MSD41 or MSD51 (direct drive) paired with Honda GX160 and GX200 engines
- Corrosion resistant aluminum frame
- Durable polyethylene tanks
- Stacked "TOPS" only available on 50 and 100 gallon configuration
- Optional electric reel
- 100% commercial-grade
- Complete line of optional guns, wands, nozzles and extensions available

MSD41 Direct Drive Pump

Maruyama's UNIFLOW PISTON PUMPS are legendary throughout the world.

(MSD41 pump specs on pg. 25)



MSD41T 3/4" PUMP 50 GALLON ALUMINUM FRAME



Model	MSD41-50T	MSD41-50TE	MSD41-200	MSD41-200E
Description	50 Gallon TOP	50 Gallon TOP	200 Gallon Standard	200 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	208	223	310	325
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	44	44	60	60
Width (inches)	28	28	50	50
Height (inches)	42	42	44	44
Part Number	849302	849301	849308	849309

MSD41T 3/4" PUMP 100 GALLON ALUMINUM FRAME



Model	MSD41-100T	MSD41-100TE	MSD41-100	MSD41-100E
Description	100 Gallon TOP	100 Gallon TOP	100 Gallon Standard	100 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	245	260	219	234
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	42	44	44	44
Width (inches)	28	28	48	48
Height (inches)	50	50	44	44
Part Number	849304	849305	849306	849307



MSD51T 3/4" PUMP 50 GALLON ALUMINUM FRAME



Model	MSD51-50T	MSD51-50TE	MSD51-200	MSD51-200E
Description	50 Gallon TOP	50 Gallon TOP	200 Gallon Standard	200 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	217	232	319	334
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	44	44	60	60
Width (inches)	28	28	50	50
Height (inches)	42	42	44	44
Part Number	849313	849312	849318	849319

MSD51T 3/4" PUMP 100 GALLON ALUMINUM FRAME



Model	MSD51-100T	MSD51-100TE	MSD51-100	MSD51-100E
Description	100 Gallon TOP	100 Gallon TOP	100 Gallon Standard	100 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	254	269	228	243
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	42	44	44	44
Width (inches)	28	28	48	48
Height (inches)	50	50	44	44
Part Number	849314	849315	849316	849317



PORTABLE SPRAYERS



Excellent Control, Performance and Results.

Maruyama portable power sprayers offer the best performance and durability in its class. Maruyama's unique UNIFLOW positive displacement piston pump offers a consistent pressure providing supreme chemical coverage and penetration. The continuous improvement allows us to reach working pressures of up to 356 psi. This allows us to effectively use a second lance and an endless number of specialized spray accessories. Ideal for the application of agrochemicals in agriculture, gardening, farms, greenhouses, open field crops, shrubs, fruit trees, vegetables and pest control applications.

**MORE
POWER
FOR THE PROS!**



BACKPACK SPRAYER



MS75



30.1 cc / CER300

21.0 lb

20.3 oz



Chem. tank capacity = 6.6 gal

Suction volume = 1.9 gpm

4-dial pressure settings =
90, 180, 270, & 356

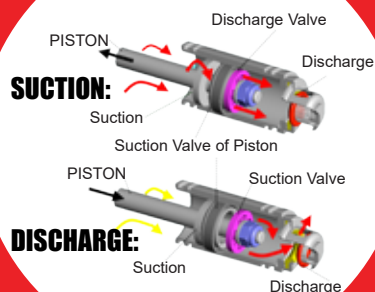
Liquid bypass agitation

353028

Optional Cart

- Aluminum, non-caustic finish
- Lightweight & sturdy
- Rubber tires

402287



- Maruyama Patented Uniflow™ Technology
- Self-priming, self-lubricating and self-cooling Dual piston pump for increased pressure

BARREL TOP SPRAYER

VERSATILE & COMPACT

MS75E



30.1 cc / CER300

16.3 lb

20.3 oz



Suction volume = 1.9 gpm

4-dial pressure settings = 90, 180, 270, & 356

Liquid bypass agitation

353027



Maruyama's Barrel Top Sprayer Comes COMPLETE!
Includes: pump, suction and bypass hoses, 20m of hose and a U2L spray gun (#116126)

SPOT SPRAYER

MS75E-25 SS



30.1 cc / CER300

36.0 lb

20.3 oz



Compact dimensions:
34" w x 18" d x 26" h

Chem. tank capacity = 25 gal

Suction volume = 1.9 gpm

4-dial pressure settings =
90, 180, 270, & 356

Liquid bypass agitation

849094



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Adjust. Throttle w/ Anti-Vibration Grip



Tank Retention Ring



Ergonomic Pull



Easy Start

BACKPACK MISTERS & DUSTER



**BRAND NEW MM91 -V
MIST BLOWER**



ASSISTED STARTER
Even the softest pull will start the unit

LIQUID WEIGHT BALANCE
Even distribution of chemicals during application



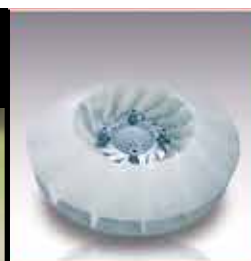
20%

80%



ADJUSTABLE HANDLE
Improved tube control

NEW BOOSTER NOZZLE
Improved coverage



HEAVY DUTY FAN
One piece design for durability



MISTER

MM300



30.1 cc / CER300

15.65 lb

20.3 oz

Chem. tank capacity = 3.43 gal

Flow settings = variable

352799



MM300
Mister Tip

DROPLET TEST:
SMD= 55-64 microns

MISTER

MM91-V



79.2 cc / CER800

25.6 lb

67.8 oz

Chem. tank capacity = 3.43 gal

Flow settings = 4

352873



**MORE
POWER
FOR THE PROS!**

DUSTER

MD300



30.1 cc / CER300

19.4 lb

20.3 oz

Flow settings = 27 (3x9)

352826



BATTERY SPRAYER

- IRON 5-Yr COMMERCIAL WARRANTY
- RECHARGABLE Lithium-Ion battery (battery covered by Makita warranty)
- Lightweight and extremely durable



MS40Li

Dry weight = 11.7 lb
Tank capacity = 3.9 gal
Volume = 0.39 gpm
Charging time = 22 minutes
Variable Pressure = 145 / 72 / 43 psi
Working time = 45 / 120 / 300 min
Lithium ION battery =
Makita 18V-3.0Ah BL1830 (# 133560)

353080



PIVOTING TANK
Better weight distribution
of liquid during use



Shown with
1-pt adjustable nozzle #127460
(included)



Shown with
black dual wide-nozzle #471938
(included)



Adjustable nozzle #127460
and telescopic nozzle pipe
#465077
(optional)



MANUAL SPREADER AND DUSTER

MG51

MANUAL DUSTER

Dry weight = 6.2 lb

Tank cap. = 1.2 gal

Volume (powder) = 0-14.2 oz/min

#338129



MG10

MANUAL SPREADER

Dry weight = 3.7 lb

Tank cap. = 3.0 gal

Volume (granules) = 77.8 oz/min

#338119



WATER PUMP

- Powerful 30.1cc 2-Cycle engine
- Iron-5yr commercial warranty
- Amazing 32 gallon per minute flow rate
- Cast iron impellers and silicon carbide pump seals
- Ceramic mechanical seals
- Easy start system – spring assist technology for easy starting

MIP2534S

PORTABLE WATER PUMP

30.1CC / CER 300

11 lb

20.3 oz

#332334



Optional irrigation and fire suppression kit available # 286705



SPRAY GUNS AND ATTACHMENTS

FOR PORTABLE AND BACKPACK SPRAYERS



#353028 MS75 + #116126 U2L Gun



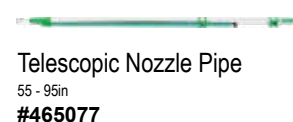
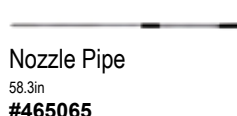
#471938 Wide Nozzle Ass'y



#074206 Ring Type 5-Head Nozzle A

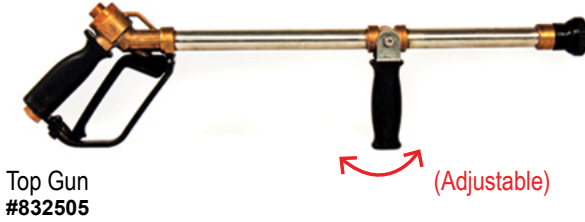


#417232 2-Nozzle Wand, Length 17cm



SPRAY GUNS AND ATTACHMENTS

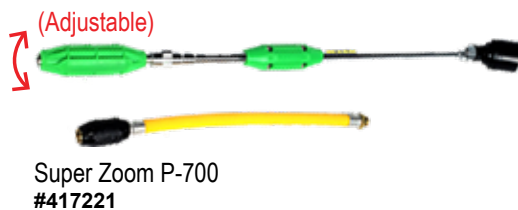
FOR SKID SPRAYERS



#832505 Top Gun (different spray settings)



#417257 High End Nozzle (different spray settings)



#639258 Soil Injector



4-Nozzle Boom
#637153

NOZZLES FOR MD9 GUN

- #840925 #6 Nozzle, 2.5mm, 3.6 gpm (included)
- #842441 #2 Nozzle, 0.8 mm, 0.3-1.0 gpm (optional)
- #842442 #4 Nozzle, 1.5mm, 1.0-3.0 gpm (optional)
- #842443 #5 Nozzle, 2mm, 2.0-5.0 gpm (optional)
- #842444 #8 Nozzle, 3mm, 3.0-8.0 gpm (optional)



MD9 Gun
#842404



TRIMMER HEADS

M-TWIST LOW PROFILE BUMP HEAD

M-Twist EASY FEED Bump Head

PREMIUM trimmer bump head with metal bump plate for longer life

EASY!



1. Line up the arrow on the head with the eyelet



2. Feed the trimmer line through the head



3. Pull line through* - make both sides equal lengths



4. Twist head "clockwise" until ~8" trimmer line shows

4.5 in. M-Twist EZ-FEED

(LFT hand M/F) - 24-ct Display Pkg

463743

Accepts line up to & including 0.130" round.

5.5 in. M-Twist EZ-FEED

(LFT hand M/F) - Bulk Packaging

426930

(Best bump head for 41.5cc equipment)

Accepts line up to & including 0.130" & 0.155" round.



4.5" EZ-FEED
POP-UP RETAIL DISPLAY

HEAD FOR CURVED SHAFT TRIMMER



4.5 in. Semi Auto Head
for curved shaft trimmer
840418

FIXED-LINE TRIMMER HEADS - LOW PROFILE

KATANA AKAI (RED)

The KATANA AKAI fixed-line head is made of a very durable alloy and is very lightweight.

Accepts all of Maruyama's trimmer line weights, EXCEPT 0.155 square.

AKAI - 4 in. Fixed Line Head

Clamshell Packaging
840337



FIXED LINE HEAD - 4 in.

The aluminum fixed-line head is very durable and incredibly lightweight.

Accepts all of Maruyama's trimmer line weights, INCLUDING 0.155 square.

Aluminum Fixed Line Head

288424



FIXED LINE HEAD ADAPTER

Fixed Lined Head Adapter Standard Trimmer # 212986



Fixed Lined Head Adapter Turbo Trimmer # 232927



COMMERCIAL TRIMMER LINE

Maruyama's heavy-duty trimmer line has a resistant outer layer (round, square & twist) to reduce noise and friction, improving cutting efficiency



XDR - ROUND RED

PART NO.	DESCRIPTION	UNITS/CS
845501	.095" / 288.6ft / 1.0lb donut	12
845502	.095" / 865.6ft / 3.0lb spool	4
845503	.095" / 1442.4ft / 5.0lb spool	4
845505	.105" / 239ft / 1.0lb donut	12
845506	.105" / 716.6ft / 3.0lb spool	4
845507	.105" / 1194.2ft / 5.0lb spool	4
845509	.130" / 154.1ft / 1.0lb donut	12
845510	.130" / 462.1ft / 3.0lb spool	4
845511	.130" / 770.1ft / 5.0lb spool	4
845512	.155" / 106.7ft / 1.0lb donut	12
845513	.155" / 319.7ft / 3.0lb spool	4
845514	.155" / 532.8ft / 5.0lb spool	4

EDGE - SQUARE ORANGE

PART NO.	DESCRIPTION	UNITS/CS
845516	.095" / 288.6ft / 1.0lb donut	12
845517	.095" / 686.3ft / 3.0lb spool	4
845518	.095" / 1143.9ft / 5.0lb spool	4
845520	.105" / 187.7ft / 1.0lb donut	12
845521	.105" / 562.5ft / 3.0lb spool	4
845522	.105" / 937.5ft / 5.0lb spool	4
845524	.130" / 121.0ft / 1.0lb donut	12
845525	.130" / 362.7ft / 3.0lb spool	4
845526	.130" / 604.5ft / 5.0lb spool	4
845527	.155" / 82.4ft / 1.0lb donut	12
845528	.155" / 247.1ft / 3.0lb spool	4
845529	.155" / 411.8ft / 5.0lb spool	4

SONIC - TWIST BLUE

PART NO.	DESCRIPTION	UNITS/CS
845531	.095" / 277.2ft / 0.8lb donut	12
845532	.095" / 1,390.3ft / 4.0lb spool	4
845533	.095" / 3,129.1ft / 9.0lb spool	1
845534	.095" / 6,255ft / 18.0lb donut	1
845536	.105" / 236.2ft / 0.8lb spool	12
845537	.105" / 1,184ft / 4.0lb spool	4
845538	.105" / 2,155ft / 9.0lb donut	1
845539	.105" / 4,312.2ft / 18.0lb spool	1
845541	.130" / 123ft / 0.8lb spool	12
845542	.130" / 618ft / 4.0lb donut	4
845543	.130" / 1,346ft / 9.0lb spool	1



BLADES AND HANDLEBAR KITS

PART NO. DESCRIPTION



3-TOOTH BLADE

227910 9"/230 mm blade w/1" arbor
841380 10"/255 mm blade w/1" arbor



4-TOOTH BLADE

210179 9"/230 mm blade w/1" arbor
054751 10"/255 mm blade w/1" arbor



8-TOOTH BLADE

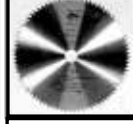
913147 9"/255 mm blade w/1" arbor



PART NO. DESCRIPTION

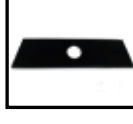
40-TOOTH SAW BLADE

473234 10"/255 mm blade w/1" arbor



80-TOOTH SAW BLADE

422408 10"/255 mm blade w/1" arbor



EDGER BLADE

840378 .098 edger blade

HANDLEBAR ADAPTER KITS

Recommended for metal blade usage
- For bullhorn/handlebar configuration.



PART NO. DESCRIPTION

242583 Handlebar Kit for Standard Trimmers

- Not including B230C / B23C, B420 / B42, BIG-M BT230L / BT23L

242585 Handlebar Kit for TURBO Trimmers

- Includes all Maruyama Turbos, including Turbo tool attachments

ADJUSTABLE THROTTLE KIT

Recommended for better control.

PART NO. **242591**

DESCRIPTION

Adjustable Throttle Kit

Not compatible with B230C / B23C, B420L / B42L, and TPP270 / TPP27



SAFETY AND PROMOTIONAL PRODUCTS



234477
Heavy-duty, Full Back Support
Brush Cutter Harness



228086
Orange, Full Support
Brush Cutter Harness



220533
Quick-Release Brush Cutter
Shoulder Strap



420282
Forestry Helmet, Visor w/
Hearing Protection



845670
12-ply, Adjustable Wrap-Around
Safety Chaps

WEARABLES



CAMOUFLAGE
- w/ branch-leaf pattern
845818



“LEGALIZE” CAMOUFLAGE
- w/ branch-leaf pattern
845818A



RED MESH
Richardson 112 Snap Back
- w/ GREY bill
845921



WHITE MESH
Richardson 112 Snap Back
- w/ GREY bill
845921A



BLACK MESH
Richardson 112 Snap Back
- w/ GREY bill
845922

“LEGALIZE” MARUYAMA CAMOS

Cool, Dry-Weave Shirts

Digital camo design on dark green dry-weave shirt.
Feels great and looks great!

S # 845744
M # 845745
L # 845746
XL # 845747
2XL # 845748
3XL # 845749



Maruyama Black Tokyo T-Shirts

Gildan 4.5 oz.
65/35 polyester/cotton blend



S # 845796
M # 845827
L # 845828
XL # 845829
2XL # 845830
3XL # 845831

Maruyama Jacket

100% polyester
100% polyester microfleece lining
Wind-resistant, water-repellent



S # 849220
M # 849221
L # 849222
XL # 849223
2XL # 849224
3XL # 849225



MODEL SPECIFICATIONS

TRIMMERS AND BRUSH CUTTERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Cutting Swath	Page No.
B230C curved	364848	22.5cc	CER230	10.5 lb	16.9 oz	✓	curved	flex	direct drive		ergo	✓	✓	4.5 in	16"	8
B230L	364849	22.5cc	CER230	11.3 lb	16.9 oz	✓	7mm	solid steel	1.46 : 1	✓	ergo	✓	✓	4.5 in	17.5"	8
B270L	364850	25.4cc	CER260	11.7 lb	20.3 oz	✓	7mm	solid steel	1.46 : 1	✓	ergo	✓	✓	4.5 in	18"	8
B270L TURBO	364851	25.4cc	CER260	12.1 lb	20.3 oz	✓	7mm	solid steel	1.92 : 1	✓	ergo	✓	✓	4.5 in	17.5"	8
B270L TURBO (HI)	364852	25.4cc	CER260	12.1 lb	20.3 oz	✓	7mm	solid steel	1.92 : 1	✓	ergo	✓	✓	fixed	17.5"	8
B300L	364853	30.1cc	CER300	11.5 lb	20.3 oz	✓	7mm	solid steel	1.46 : 1	✓	ergo	✓	✓	4.5 in	18"	8
B300L TURBO	364854	30.1cc	CER300	12.2 lb	20.3 oz	✓	7mm	solid steel	1.92 : 1	✓	ergo	✓	✓	4.5 in	17.5"	8
B300L TURBO (HI)	364855	30.1cc	CER300	12.2 lb	20.3 oz	✓	7mm	solid steel	1.92 : 1	✓	ergo	✓	✓	fixed	17.5"	8
B420	364856	41.5cc	CER420	17.7 lb	33.8 oz	✓	8mm	solid steel	1.36 : 1		ergo	✓	bicycle	fixed	17.5"	9
B420L	364857	41.5cc	CER420	16.4 lb	33.8 oz	✓	8mm	solid steel	1.36 : 1		ergo	✓	✓	5.5 in	17"	8
BT230L	364845	22.5cc	CER230	10.1 lb	16.9 oz		7mm	solid steel	1.46 : 1	✓	ergo	✓	✓	4.5 in	17"	17
BT230L (HI)	364846	22.5cc	CER230	10.1 lb	16.9 oz		7mm	solid steel	1.46 : 1	✓	ergo	✓	✓	fixed		17

MULTI CUTTERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Page No.
M270QC split shaft	364858	25.4cc	CER260	10.4 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓	10
M300QC split shaft	364859	30.1cc	CER300	10.1 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓	10
M420BK-QC	364860	41.5cc	CER420	23.4 lb	33.8 oz	✓	7mm	flexible steel	-		ergo	✓	✓	10
BM240 split shaft	364847	22.5cc	CER230	9.9 lb	20.3 oz	✓	7mm	solid steel		✓	ergo	✓	✓	17

EDGERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Blade Length	Page No.
E270 curved	364861	25.4cc	CER260	13.2 lb	20.2 oz	✓	curved	flex	1.33 : 1	✓	ergo	✓	✓	9" blade	18
E300S straight	364862	30.1cc	CER300	14.0 lb	20.2 oz	✓	7mm	solid steel	1.47 : 1	✓	ergo	✓	✓	9" blade	18

LANDSCAPE BLADE

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Driveshaft Diameter	Driveshaft	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Page No.
LB300	365013	30.1cc	CER300	14.8 lb	20.3 oz	✓	7mm	solid steel	✓	ergo	✓	✓	19

EXTENDED-REACH HEDGE TRIMMERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Driveshaft Diameter	Driveshaft	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Blade Length	Page No.
EH230D	364863	22.5cc	CER230	13.3 lb	16.9 oz	✓	7mm	solid steel	✓	ergo	✓	✓	20" blade	16
EH230DSL	364864	22.5cc	CER230	14.3 lb	16.9 oz	✓	7mm	solid steel	✓	ergo	✓		24" blade	16
EH230D-L	365176	22.5cc	CER230	13.4 lb	16.9 oz	✓	7mm	solid steel	✓	ergo	✓		20" blade	16
EH270D-S	364865	25.4cc	CER260	13.4 lb	20.3 oz	✓	7mm	solid steel	✓	ergo	✓	✓	20" blade	16

HEDGE TRIMMERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Forward Exhaust	Extreme Gearbox	Handle Type	Blade Length	Hardened Steel Blades	Sharp Edges	Page No.
H23F single	362408	22.5cc	CER230	12.5 lb	13.5 oz	✓	✓	offset 90°	30"	✓	3 edges	15
H23FL single	362409	22.5cc	CER230	13.8 lb	13.5 oz	✓	✓	offset 90°	40"	✓	3 edges	15
H23DF double	362404	22.5cc	CER230	13.0 lb	13.5 oz	✓	✓	fixed	24"	✓	3 edges	15
H23DFL double	362405	22.5cc	CER230	13.9 lb	13.5 oz	✓	✓	fixed	30"	✓	3 edges	15
H23DFR double	362406	22.5cc	CER230	11.7 lb	13.5 oz	✓	✓	5-rotation	24"	✓	3 edges	15
H23DFLR double	362407	22.5cc	CER230	12.6 lb	13.5 oz	✓	✓	5-rotation	30"	✓	3 edges	15
BH24G	362410	22.5cc	CER230	11.6 lb	13.5 oz	✓	✓	fixed	24"	✓	2 edges	17



HOVER MOWER

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Fuel Cap Ret. Ring	Cutting Width	Cutter System	Cutting Height	Page
MHM480	845995	79.2cc	CER800	39 lb	71 oz	✓	✓	19 inch	3 blades	1.25"-2.00"	12

PORTABLE WATER PUMP

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Suction Volume	Pump Head	Intake Port	Discharge Port	Page
MIP2534S	332334	30.2cc	CER300	11.0 lb	20.3 oz	✓	30 gpm	118ft	1"	1"	35

BLOWERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Throttle Type	Air Volume	Air Velocity	2-Stage Air Filtration	Sound Rating	Grill Cover & Tube	Page No.
BL9000-GT-SP	395880	79.2cc	CER800	24 lb	71 oz	pistol	~1068 cfm*	~185 mph*	✓	78 dB(A)	✓	21
BL9000-GT-HA	395881	79.2cc	CER800	24 lb	71 oz	hip	~1068 cfm*	~185 mph*	✓	78 dB(A)	✓	21
BL70-SP	395885	60.9cc	CER600	20.9 lb	71 oz	pistol	~885 cfm*	~185 mph*	✓	75 dB(A)		21
BL70-HA	395884	60.9cc	CER600	20.9 lb	71 oz	hip	~885 cfm*	~185 mph*	✓	75 dB(A)		21
BL32 hand held	395833	30.1cc	CER300	9.4 lb	18.6 oz	trigger	~455 cfm	~180 mph		70 dB(A)		20

* Data recorded with the Tornado Tip attached.

CHAINSaws

Model Name	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Cap.	Handle Type	Maximum Output	Chain Oil Capacity	Bar Length	Chain Type	Pitch	Page No.
MCV31T-14	362813	30.1cc	CER300	7.1 lb	8.1 oz	top	9500 rpm	6.1oz	14 in	91PX	3/8 in	23
MCV31R-14	362812	30.1cc	CER300	7.3 lb	8.1 oz	rear	9500 rpm	6.1oz	14 in	91PX	3/8 in	23

POLE PRUNERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Pull Start	Fuel Cap Ret. Ring	Bar Length	Page No.
PS300 pole saw	365011	30.1cc	CER300	15.0 lb	20.3 oz	✓	ergo	✓	10" bar	13
TPP270 telescopic	364866	25.4cc	CER260	15.7 lb	20.3 oz	✓	ergo	✓	10" bar	13
TPP300 telescopic	725005	30.1cc	CER300	15.5 lb	20.3 oz	✓	ergo	✓	10" bar	13

PORTABLE SPRAYERS

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Easy Start	Pump Type	Suction Volume	Pressure Settings	Pressure PSI	Liquid Aggitation	Page No.
MS75 backpack	353028	30.1cc	21.0 lb	6.6 gal	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270 356 psi	✓	31
MS75E barrel top	353027	30.1cc	16.3 lb	N/A	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270, 356 psi	✓	31
MS75E-25SS	849094	30.1cc	36.0 lb	25.0 gal	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270 356 psi	✓	31

MISTERS AND DUSTER

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Easy Start	Pump Type	Tip Type	Flow Settings	Atomizer Volume	Dust Volume	Granular Volume	Page No.
MM300 mister	352799	30.1cc	15.65 lb	3.43 gal	20.3 oz	CER300	✓	N/A	55-64 microns	variable	0-0.79 gpm	N/A	N/A	33
MM91-V mister	352873	79.2cc	25.6 lb	3.43 gal	67.8 oz	CER800		N/A		4	0-1.32 gpm	N/A	N/A	33
MD300 duster	352826	30.1cc	19.4 lb	3.43 gal	20.3 oz	CER300		N/A		27 (3x9)		0-17.6 lb/min	0-35.3 lb/min	33

BATTERY SPRAYER

Model	Part Number	Battery	Dry Weight	Chem. Tank Capacity	Volume	Pressure Settings	Pressure Variable	Working Time (Minutes)	Makita Battery	Items Included	Page No.
MS40Li Backpack	353080	Lithium-Ion	11.7 Lb	3.9 Gal	0.39 Gpm	3	45-145 Psi	45 / 120 / 300	18v-3 0ah BI1830	Single Wand Nozzles #127460 & #117958	34



CHEMICAL APPLICATION EQUIPMENT

UNIFLOW PISTON PUMPS

Model	Part Number	Pump Drive Type	Number Cylinders	Direct Drive Type (PWR)	Cylinder Coating	Dry Weight	Suction Volume @ 3600 RPM	Maximum Pressure	Maximum RPM	Required Power	Page No.
MSD41 3/4"	366537	direct-drive	3	gasoline	chrome	11.7 lb	8 gpm	570 psi	3600 rpm	~3.6 hp	25
MSD41 5/8"	366538	direct-drive	3	electric	chrome	11.7 lb	8 gpm	570 psi	3600 rpm	~3.6 hp	25
MSD51 3/4"	366559	direct-drive	3	gasoline	chrome	17.2 lb	10.5 gpm	570 psi	3600 rpm	~5.0 hp	25
MS333	366572	belt-driven	3	gasoline	ceramic	15.9 lb	8 gpm	510 psi	1050 rpm	~2.6 hp	25
MS419	366592	belt-driven	3	gasoline	ceramic	24.3 lb	8.5 gpm	725 psi	1000 rpm	~3.5 hp	25
MS659	354274	belt-driven	3	gasoline	ceramic	48.0 lb	14.5 gpm	725 psi	1000 rpm	~6.0 hp	25
MS759	354275	belt-driven	3	gasoline	ceramic	52.5 lb	17.5 gpm	725 psi	950 rpm	~7.0 hp	25

PUMP / ENGINE COMBOS

Model	Part Number	Pump Drive Type	Number Cylinders	Direct Drive Type (Pwr)	Cylinder Coating	Dry Weight	Suction Volume @ 3600 RPM	Maximum Pressure	Maximum RPM	Required Power	Honda 4-Cycle Engine	Items Included	Page No.
MSD41TEC-H	366545	direct-drive	3	gasoline	chrome	71.6 lbs	8 gpm	570 psi	3600 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26
MS333ECH	358669	belt-driven	3	gasoline	chrome	79.3 lb	6 gpm	510 psi	1050 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26
MS417ECH	358668	belt-driven	3	gasoline	ceramic	88.1 lb	7.9 gpm	725 psi	1000 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26

SKID SPRAYER - MSD41T 3/4" PUMP

Model	Part Number	Tank Volume	MSD41 Pump-Engine /Motor	Honda Engine 4- Cycle	Hose Reel Type	Volume gpm	Frame Finish	Frame Color	Dry Weight	Dimensions	Hose Diameter & Length	Page No.
MSD41-50T	849302	50-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	208 lb	44" x 28" x 42"	3/8" / 328'	28
MSD41-50TE	849301	50-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	223 lb	44" x 28" x 42"	3/8" / 328'	28
MSD41-100T	849304	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	245 lb	44" x 28" x 50"	3/8" / 328'	28
MSD41-100TE	849305	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	260 lb	44" x 28" x 50"	3/8" / 328'	28
MSD41-100 Standard	849306	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	219 lb	44" x 48" x 44"	3/8" / 328'	28
MSD41-100E Standard	849307	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	234 lb	44" x 48" x 44"	3/8" / 328'	28
MSD41-200 Standard	849308	200-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	310 lb	60" x 50" x 44"	3/8" / 328'	29
MSD41-200E Standard	849309	200-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	325 lb	60" x 50" x 44"	3/8" / 328'	29

SKID SPRAYER - MSD51T 3/4" PUMP

Model	Part Number	Tank Volume	MSD41 Pump-Engine	Honda Engine 4- Cycle	Hose Reel Type	Volume gpm	Frame Finish	Frame Color	Dry Weight	Dimensions	Hose Diameter & Length	Page No.
MSD51-50T	849313	50-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	217 lb	44" x 28" x 42"	3/8" / 328'	29
MSD51-50TE	849312	50-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	232 lb	44" x 28" x 42"	3/8" / 328'	29
MSD51-100T	849314	100-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	254 lb	44" x 28" x 50"	3/8" / 328'	29
MSD51-100TE	849315	100-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	269 lb	44" x 28" x 50"	3/8" / 328'	29
MSD51-100 Standard	849316	100-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	228 lb	44" x 48" x 44"	3/8" / 328'	29
MSD51-100E Standard	849317	100-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	243 lb	44" x 48" x 44"	3/8" / 328'	29
MSD51-200 Standard	849318	200-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	319 lb	60" x 50" x 44"	3/8" / 328'	29
MSD51-200E Standard	849319	200-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	334 lb	60" x 50" x 44"	3/8" / 328'	29

BLUE ULTRA-SHIELD

**PROTECTS
CLEANS
PERFORMS**

- The most advanced technology in 2-cycle engine oil
- Superior synthetic blend oil that gives premium protection to internal moving parts reducing maintenance costs
- Formulated with fuel stabilizer
- Cleans engine and protects against carbon particle buildup
- Exceeds JASO-FD quality standards
- Promotes exceptional engine performance and long engine life
- Blue color makes it easy to identify gasoline mix in containers
- Mixes instantly with gasoline



PART #	DESCRIPTION	Bottles per Case	Cases per Pallet
849860	Blue Ultra-Shield - 2.6oz. Bottle (1-gal mix)	24	144
849861	Blue Ultra-Shield - 6.4oz. Bottle (2.5-gal mix)	24	128
849862	Blue Ultra-Shield - 12.8oz. Bottle (5-gal mix)	24	60



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